



# **Missouri Spongy Moth Survey Report 2023**

Annual Summary  
Of The Missouri Cooperative  
Spongy Moth Survey Program

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# 56 YEARS OF SPONGY MOTH SURVEY IN MISSOURI!!

## 2023 Spongy Moth Survey Results

A total of five (5) moths were reported from our multi-agency, statewide survey. The moths were all captured in the following counties: St. Louis (2-Kirkwood and Overland), St. Louis City (1-Bellefontaine Neighbors), Jackson (1- Oak Grove), and St. Charles (1-Augusta).

The moths were forwarded to the USDA OTIS lab for molecular testing and were found negative for *Lymantria dispar asiatica*, the flighted gypsy moth complex (formerly known as Asian gypsy moth).

Approximately 6,234 pheromone traps were placed around the state (54 of 114 counties) by all cooperators in the annual effort to detect the presence of this damaging insect pest. Primary trapping agencies were Missouri Department of Agriculture and Missouri Department of Conservation, with additional trapping conducted by U.S. Army and Missouri National Guard.

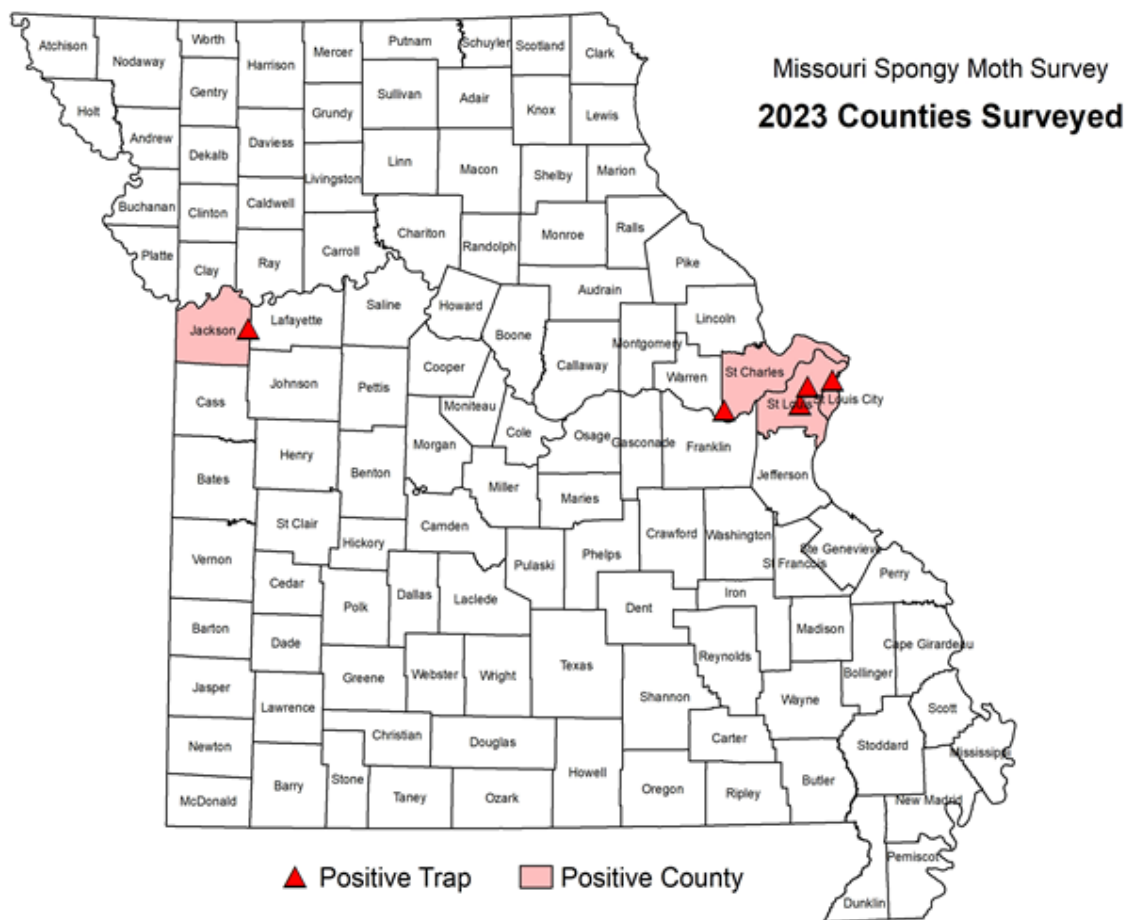


Figure 1. 2023 Missouri Spongy Moth Positives

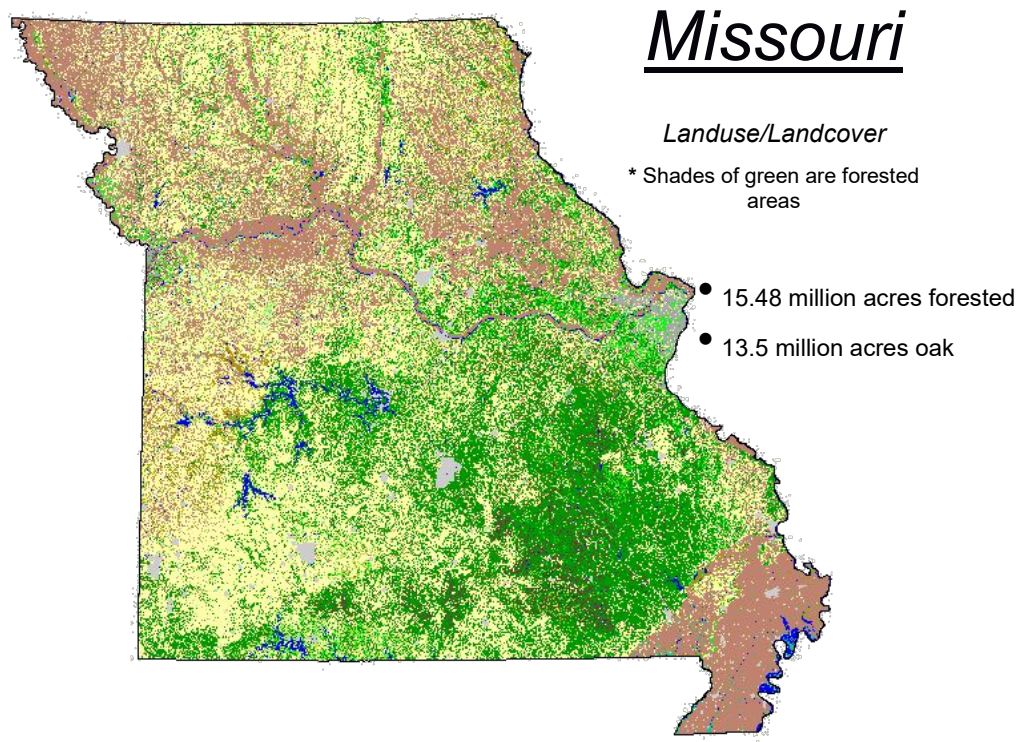


Figure 2. Missouri's Forested Area

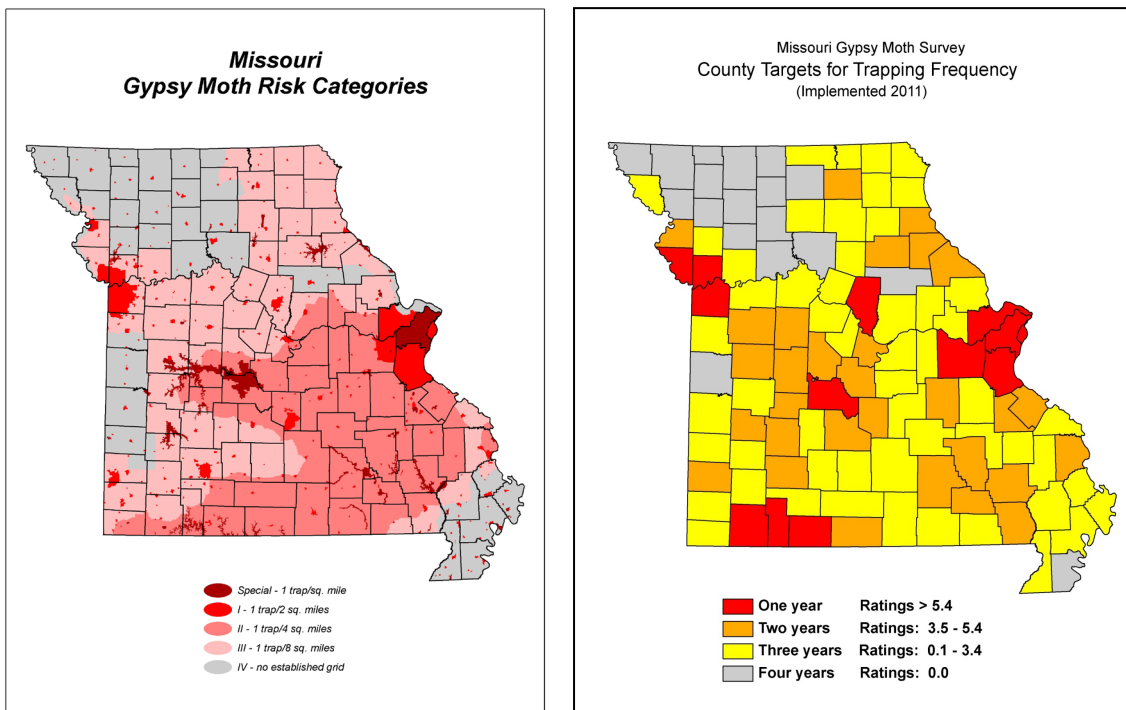


Figure 3. Spongy Moth Risk Categories and Trap Densities (on left) and County Trapping Frequency (on right). Counties are surveyed every 1-4 years in the red areas indicated on the map on the left.



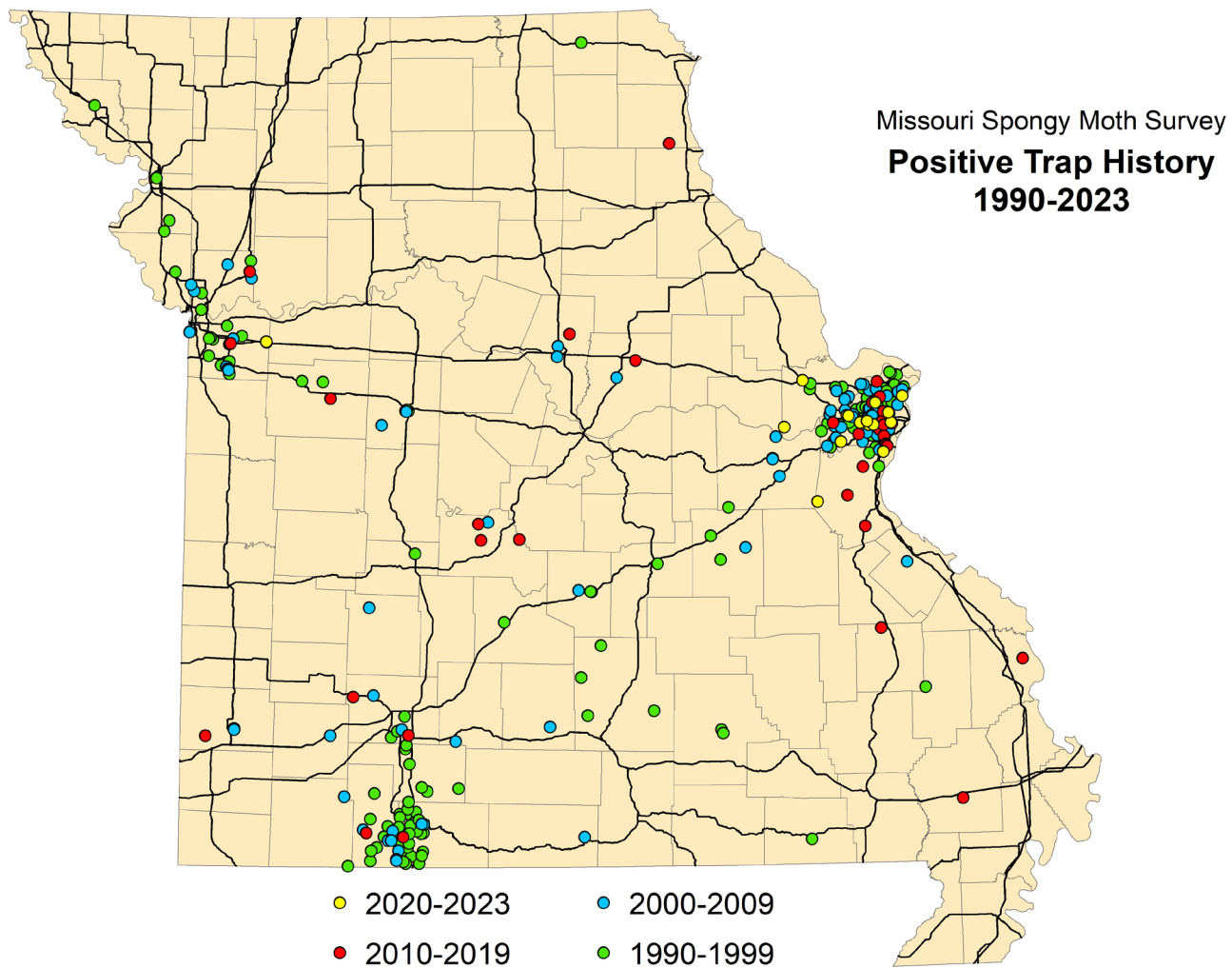


Figure 5. Spongy moth captures 1990-2023

# Missouri Spongy Moth Trapp History 1993-2023

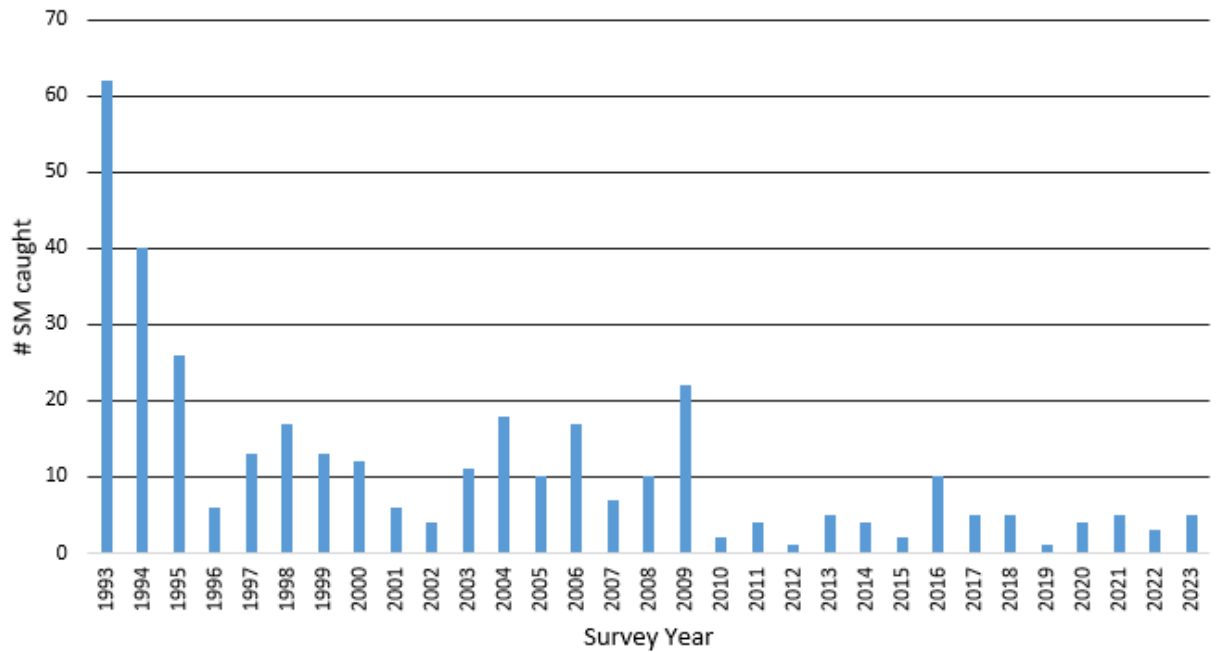


Figure 6. Historic Spongy Moth Trapping Data in Missouri